

2007 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT PULLMAN, WA.

Variety Name <small>*Club Italized</small>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2007				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WA008039				92.9	61.7	11.3	35.3	167.7
LOUISE	79.3	74.6	83.3	91.4	60.6	11.7	37.7	169.0
WA008043				89.9	60.8	11.3	31.7	169.0
<i>EDEN</i>	73.7	67.7	81.3	87.8	61.9	11.3	34.3	166.0
ALTURAS	76.9	71.1	77.3	85.4	60.3	11.8	33.7	166.7
WA008041				85.4	58.4	12.1	36.3	167.0
ALPOWA	77.1	70.6	79.8	84.9	60.8	11.5	35.0	169.3
WA008008			80.3	84.1	60.4	12.0	34.0	164.0
<i>WA008047</i>				82.3	62.5	12.1	38.3	168.7
WA008059				82.0	61.8	12.5	34.7	164.3
<i>WA007989</i>				81.3	60.2	12.1	33.3	173.3
UI CATALDO			76.7	81.2	59.3	12.3	32.7	162.7
WA008044				81.0	59.6	11.6	33.0	169.7
NICK	76.7	72.0	77.6	79.7	61.2	12.2	34.0	164.0
WAKANZ	75.8	68.6	74.8	76.7	58.3	12.8	34.3	171.3
ARS05S303				75.8	56.7	12.5	33.0	171.7
WA008046				74.4	59.4	12.2	34.0	164.7
ZAK	57.7	53.7	61.6	67.3	58.1	12.5	36.0	170.3
C.V. %	7.1	7.8	5.8	6.7	1.2	5.0	--	--
LSD '@ .10'	3.3	4.5	4.4	7.8	1.0	0.9	--	--
Average	73.9	68.3	77.0	82.4	60.1	12.0	34.5	167.7
Highest	79.3	74.6	83.3	92.9	62.5	12.8	38.3	173.3
Lowest	57.7	53.7	61.6	67.3	56.7	11.3	31.7	162.7

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Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2007				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WQL9HDALP			84.7	92.1	60.7	11.4	35.3	167.3
LOLO	77.4	69.8	79.2	82.9	61.2	13.6	36.7	167.3
WA008038				81.2	61.4	13.0	38.3	164.7
BZ903-445WP-d			82.2	80.0	59.4	13.7	34.7	165.3
WAIKEA		77.0	79.8	79.9	58.7	13.6	37.0	163.3
OTIS	72.1	65.7	74.8	77.2	59.9	13.4	39.3	167.7
CLEAR WHITE				76.7	60.3	13.3	30.0	163.0
WA008035				76.0	60.2	12.9	34.7	163.0
WA008036				73.9	61.9	13.5	40.3	166.0
MACON	64.7	61.3	71.0	73.6	59.6	12.7	35.0	163.0
BLANCA GRANDE	74.4	70.9	72.3	71.5	62.1	13.8	28.7	160.7
PATWIN				67.8	56.0	14.5	29.0	171.0
C.V. %	6.8	7.1	5.2	6.1	1.0	1.8	--	--
LSD '@ .10'	3.1	4.1	3.9	6.8	0.9	0.3	--	--
Average	72.1	68.9	77.7	77.7	60.1	13.3	34.9	165.2
Highest	77.4	77.0	84.7	92.1	62.1	14.5	40.3	171.0
Lowest	64.7	61.3	71.0	67.8	56.0	11.4	28.7	160.7

2007 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT PULLMAN, WA.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2007				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WA008034				79.5	59.6	14.1	37.0	165.7
SCARLET	51.1	63.9	76.0	78.4	59.5	14.4	37.0	166.0
WA007954			73.9	78.2	60.9	15.5	37.0	169.0
WA008027				78.1	60.8	15.7	38.3	166.0
WA008030				77.9	61.1	14.5	37.3	167.7
BZ999-339		68.5	76.0	77.3	59.7	15.0	34.3	162.3
TARA 2002	49.6	64.5	73.8	76.7	60.2	14.7	35.3	161.3
JEROME	50.3	64.5	71.6	76.4	60.9	13.8	32.0	161.3
BUCK PRONTO		65.5	72.3	76.4	60.7	15.7	34.3	160.7
JEFF/PRONTO			78.5	76.4	60.2	14.5	33.7	161.0
HANK	51.7	67.8	75.9	76.3	60.2	14.1	31.7	162.3
JEFFERSON	54.6	69.6	75.4	75.4	60.5	14.5	34.3	163.7
WA008031				75.2	59.9	15.7	37.0	166.3
ACS52610			65.1	74.5	62.8	14.0	33.0	169.3
JEDD			71.6	74.4	62.0	14.2	30.3	162.7
WESTBRED 926	48.0	63.4	71.6	72.7	59.8	15.0	32.0	162.0
WA008013				71.2	61.6	15.2	44.3	164.7
HOLLIS	53.2	68.5	74.3	71.1	59.9	15.4	43.3	164.0
RSI50076				70.8	58.8	13.8	28.3	164.7
CABERNET				69.9	61.7	14.1	27.3	163.3
GRANAR				64.8	60.7	14.2	33.0	167.7
C.V. %	7.7	7.3	6.7	5.0	0.7	2.5	--	--
LSD '@ .10'	2.7	3.9	4.7	5.3	0.6	0.5	--	--
Average	51.2	66.2	73.6	74.8	60.6	14.7	34.8	164.4
Highest	54.6	69.6	78.5	79.5	62.8	15.7	44.3	169.3
Lowest	48.0	63.4	65.1	64.8	58.8	13.8	27.3	160.7

PULLMAN SPRING WHEAT – 2007 WSU VARIETY TESTING DATA

1. 2007 Spring Wheat **yield data** from the WSU Variety Testing nursery at the Pullman, WA location averaged 82.4, 77.7, and 74.8 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. *NOTE: This nursery was located on WSU Spillman Agronomy Farm, Dept. of Crop and Soil Sciences, approximately 5 miles southeast of Pullman, WA on Johnson Rd (S. Kuehner, Manager).*
2. This nursery was planted (6 April 2007) on re-crop ground following spring peas with a double disc plot drill (6-inch spacing) at an 80#/acre seeding rate. A March 2007 soil test showed 10.23 in moisture in the top 4-feet. Base fertilizer, 80#N, 20#P, 20#S. An additional 20#N, 3#S and 50#N, 7.5S were applied to the hard white and hard red spring wheat nurseries, respectively.
3. Average **yield levels** for the soft white market class varieties were over 20% higher than a previous 3-yr average. Hard white market class average yields were slightly higher than the previous 3-yr average but HRS market class average yields were slightly below a previous 3-yr average. Considering the cool, dry spring conditions and below normal precipitation, yields and quality were good for this nursery. In addition, yields were probably helped in these nurseries with a rotation following spring peas and the soil having over 10 inches of moisture at planting. Soft white spring wheat average yield rankings closely followed 3-yr rankings; however, yield rankings bounced around a little more in the hard spring wheat market classes when compared to the historical 3-yr rankings.
4. **TEST WEIGHT** values (average range across market classes was 60.1 lb/bu to 60.6 lb/bu) was good indicating that the heat stress periods at the end of June and into July had minimal impact .
5. **GRAIN PROTEIN** values averaged 12.0%, 13.3% and 14.7% for soft white, hard white and hard red spring market classes, respectively.